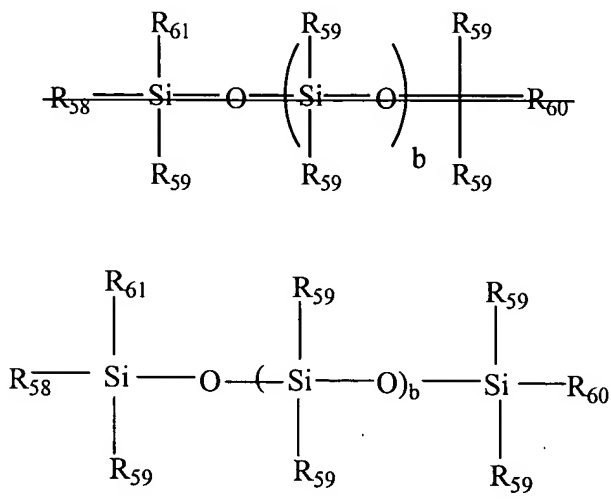


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**WHAT IS CLAIMED IS:**

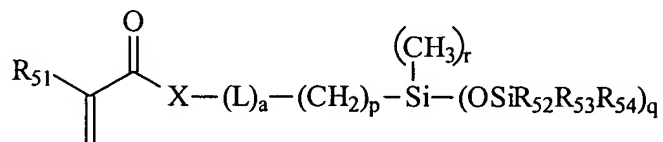
1. (amended). A method of lowering the Young's modulus or  $\tan \delta$  of a silicone hydrogel comprising the step of incorporating in said hydrogel, a mono-alkyl terminated polydimethylsiloxane monomer having the structure:



where  $b = 0$  to  $100$ ;  $\text{R}_{58}$  is a monovalent group containing at least one ethylenically unsaturated moiety;  $\text{R}_{59}$  is independently a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether group;  $\text{R}_{60}$  is a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups; and  $\text{R}_{61}$  is independently alkyl or aromatic, or a monovalent siloxane chain comprising from 1 to 100 repeating Si-O units.

2. (original). The method of claim 1, wherein  $b$  is about 4 to about 16,  $\text{R}_{58}$  is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety,  $\text{R}_{59}$  is methyl,  $\text{R}_{60}$  is  $\text{C}_{3-8}$  alkyl group, and  $\text{R}_{61}$  is methyl.

3. The method of claim 1, wherein b is about 8 to about 10, R<sub>58</sub> is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety, R<sub>59</sub> is methyl, R<sub>60</sub> is C<sub>3-8</sub> alkyl group, and R<sub>61</sub> is methyl.
4. (original). The method of claim 1, wherein b is about 4 to about 16, R<sub>58</sub> is a methacrylate moiety; each R<sub>59</sub> is methyl; and R<sub>60</sub> is a butyl group.
5. (original). The method of claim 1, wherein b is about 8 to about 10, R<sub>58</sub> is a methacrylate moiety; each R<sub>59</sub> is methyl, R<sub>60</sub> is a butyl group, and R<sub>61</sub> is methyl.
6. (original). The method of claim 1, wherein about 2 to about 70 % wt, based on the total weight of reactive monomer, of the mono-alkyl terminated polydimethylsiloxane is incorporated in said silicone hydrogel.
7. (original). The method of claim 1, wherein about 4 to about 50 % wt, based on the total weight of reactive monomer, of the mono-alkyl terminated polydimethylsiloxane is incorporated in said silicone hydrogel.
8. (original). The method of claim 1, wherein about 8 to about 40 % wt, based on the total weight of reactive monomer, of the mono-alkyl terminated polydimethylsiloxane is incorporated in said silicone hydrogel.
9. (original). The method of claim 1, wherein said silicone hydrogel additionally comprises a silicone-containing monomer other than that of claim 1 and having the structure:

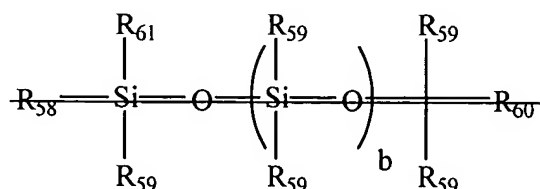


wherein R<sub>51</sub> is H, C<sub>1-5</sub>alkyl, or an ethylenically unsaturated moiety, q is 1, 2, or 3 and for each

q, R<sub>52</sub>, R<sub>53</sub> and R<sub>54</sub> is independently an alkyl group, an aromatic group or a monovalent siloxane chain comprising from 1 to 100 repeating Si-O units, p is 1 to 10, r = (3-q), X is O or NR<sub>55</sub>, where R<sub>55</sub> is H or a monovalent alkyl group with 1 to 4 carbons, a is 0 or 1, and L is a divalent linking group.

10. (original). The method of claim 1, wherein said silicone hydrogel additionally comprises 3-methacryloxypropyltris (trimethylsiloxy) silane.
11. (original). The method of claim 9, wherein each of R<sub>52</sub>, R<sub>53</sub>, and R<sub>54</sub> is independently ethyl, methyl, benzyl or phenyl.
12. (amended). The method of claim 1 wherein said A silicone hydrogel ~~having~~ has a Young's modulus of less than about 154 psi and a tan  $\delta$  of equal to or less than about 0.3 at a frequency of 1 Hz at 25°C.
13. (amended). The method ~~The silicone hydrogel~~ of claim 12, wherein the Young's modulus is less than about 130 psi.
14. (amended). The method ~~The silicone hydrogel~~ of claim 12, wherein the Young's modulus is less than about 100 psi.
15. (amended). The method ~~silicone hydrogel~~ of claim 12, wherein the Young's modulus is less than about 70 psi.
16. (amended). The method ~~silicone hydrogel~~ of claim 12, wherein the Young's modulus is less than about 45 psi.
17. (amended). The method ~~silicone hydrogel~~ of claim 12, further comprising an O<sub>2</sub> Dk greater than about 40 barrer.

18. (amended). The method ~~silicone hydrogel~~ of claim 12, 13, or 17, further comprising about 2-70 % wt, based on the total weight of reactive monomer, of said a mono-alkyl terminated polydimethylsiloxane ~~having the structure:~~



where  $b=0$  to 100, where it is understood that  $b$  is a distribution having a mode equal to a stated value, preferably 8 to 10;  $\text{R}_{58}$  is a monovalent group containing at least one ethylenically unsaturated moiety, preferably a monovalent group containing a styryl, vinyl, or methacrylate moiety, more preferably a methacrylate moiety; each  $\text{R}_{59}$  is independently a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups, preferably unsubstituted monovalent alkyl or aryl groups, more preferably methyl;  $\text{R}_{60}$  is a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups, preferably unsubstituted monovalent alkyl or aryl groups, preferably a  $\text{C}_{1-10}$  aliphatic or aromatic group which may include hetero atoms, more preferably  $\text{C}_{3-8}$  alkyl groups, most preferably butyl, and  $\text{R}_{61}$  is independently alkyl or aromatic, preferably ethyl, methyl, benzyl, phenyl, or a monovalent siloxane chain comprising from 1 to 100 repeating Si-O units.

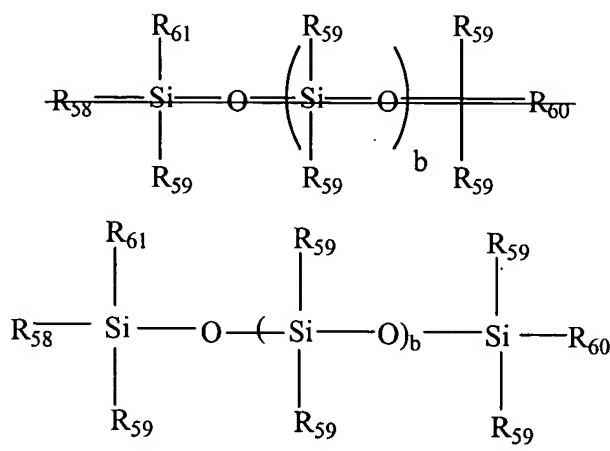
19. (amended). The method ~~silicone hydrogel~~ of claim 18, wherein  $b = 4$  to 16,  $\text{R}_{58}$  is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety, each  $\text{R}_{59}$  is methyl,  $\text{R}_{60}$  is a  $\text{C}_{3-8}$  alkyl group, and  $\text{R}_{61}$  is methyl.

20. (amended). The method ~~silicone hydrogel~~ of claim 18, wherein  $b = 8$  to 10,  $\text{R}_{58}$  is a methacrylate moiety; each  $\text{R}_{59}$  is methyl;  $\text{R}_{60}$  is a butyl group, and  $\text{R}_{61}$  is methyl.

21. (amended). The method ~~silicone hydrogel~~ of claim 18, wherein the mono-alkyl terminated polydimethylsiloxane is a monomethacryloxypropyl terminated polydimethylsiloxane.
22. (amended). The method ~~silicone hydrogel~~ of claim 18, having a Young's modulus of about 30-160 psi.
23. (amended). The method ~~silicone hydrogel~~ of claim 18, having a Young's modulus of about 40 -130 psi.

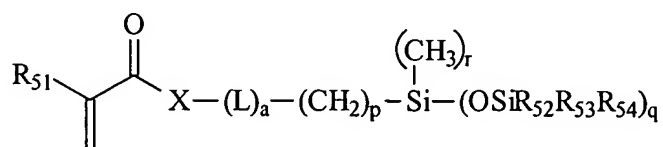
Cancel claims 24-74.

75. (amended). A method of lowering the Young's modulus and  $\tan \delta$  of a silicone hydrogel comprising the step of incorporating in said hydrogel, a mono-alkyl terminated polydimethylsiloxane monomer having the structure:



where  $b = 0$  to 100;  $\text{R}_{58}$  is a monovalent group containing at least one ethylenically unsaturated moiety;  $\text{R}_{59}$  is independently a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether group;  $\text{R}_{60}$  is a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups; and  $\text{R}_{61}$  is independently alkyl or aromatic, or a monovalent siloxane chain comprising from 1 to 100 repeating Si-O units.

76. (original). The method of claim 75, wherein said silicone hydrogel additionally comprises a silicone-containing monomer other than that of claim 1 and having the structure:



wherein R<sub>51</sub> is H, C<sub>1-5</sub>alkyl, or an ethylenically unsaturated moiety, q is 1, 2, or 3 and for each q, R<sub>52</sub>, R<sub>53</sub> and R<sub>54</sub> is independently an alkyl group, an aromatic group or a monovalent siloxane chain comprising from 1 to 100 repeating Si-O units, p is 1 to 10, r = (3-q), X is O or NR<sub>55</sub>, where R<sub>55</sub> is H or a monovalent alkyl group with 1 to 4 carbons, a is 0 or 1, and L is a divalent linking group.

77. (original). The method of claim 75, wherein said silicone hydrogel additionally comprises 3-methacryloxypropyltris (trimethylsiloxy) silane.

78. (original). The method of claim 76, wherein each of R<sub>52</sub>, R<sub>53</sub>, and R<sub>54</sub> is independently ethyl, methyl, benzyl or phenyl.

79. (original). The method of claim 75 wherein Young's modulus is lowered to less than about 100 psi and tan δ of equal to or less than about 0.25 at a frequency of 1 Hz at 25°C.

80. (original). The method of claim 75 wherein Young's modulus is lowered to less than about 80 psi and tan δ of equal to or less than about 0.25 at a frequency of 1 Hz at 25°C.